

U.S. Serial No. 10/624,213
Filed: July 22, 2003
Response to Office Action

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application:

Listing of claims

1. (currently amended) A method, comprising the steps of:

migrating a communications device to a Global System for Mobile communications network, the communications device migrated from at least one of the a Time Division Multiple Access communications network and a Code Division Multiple access communications network;

receiving an origination request from the communications device, the origination request for sending a message from the communications device, the origination request comprising a network address of a message service center serving the communications device;

receiving the message at a base station, the message proceeded by the origination request,
forwarding the message to a mobile switching center and then to a Signaling Transfer Point, the
Signaling Transfer Point associated with a signaling system 7 signaling point code;

locating the message service center by associating the network address to [[a]] the
signaling system 7 signaling point code, the signaling point code identifying [[a]] the message
service center in the Global System for Mobile communications network;

replacing the network address of the origination request with the signaling point code;
and

routing the origination request and message to the message service center operating in the Global System for Mobile communications network, wherein the origination request is processed by the message service center.

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2. (previously presented) A method according to claim 1, further comprising the step of updating the network address after migration of the communications device, wherein the network address identifies the message service center in the Global System for Mobile communications network.
3. (previously presented) A method according to claim 1, further comprising the step of wirelessly updating the network address after migration of the communications device, wherein the network address identifies the message service center in the Global System for Mobile communications network.
4. (previously presented) A method according to claim 1, wherein the step of receiving the origination request comprises receiving the originating request at a mobile switching center in the Global System for Mobile communications network.
5. (currently amended) A method according to claim 1, wherein the step of associating the network address to the signaling point code is performed by [1a] the Signaling Transfer Point in the Global System for mobile communications network.
6. (cancelled)
7. (cancelled)
8. (cancelled)
9. (cancelled)
10. (currently amended) A method according to claim [18] 1 further comprising the step of associating the network address to the signaling point code, the signaling point code identifying the signaling interface between the Global System for Mobile communications network and at least one of the Time Division Multiple Access communications network and the Code Division Multiple Access communications network.

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11. (cancelled)
12. (currently amended) A method according to claim ||8|| 1 further comprising the step of wirelessly changing the network address after migration of a subscription profile associated with the communications device, wherein the network address identifies the message service center in the Global System for Mobile communications network.
13. (currently amended) A method, comprising the steps of:
receiving a message and a termination request at a message service center, the message terminating at a dual mode GSM-ANSI Interoperability team (GAIT) communications device;
determining a Terminal Type of the GAIT communications device;
validating the GAIT communications device by the message service center;
if a subscription profile associated with the GAIT communications device has been re-provisioned in the message service center and the a Terminal Type of the GAIT communications device is Global System for Mobile communications, then routing the message and the termination request using a GSM Home Location Register operating in a Global System for Mobile communications network, the routing of the message using a signal transfer point performing a global title translation for a Mobile Station Integration Services Digital Network number associated with the GAIT communications device, the message and termination request being processed by the GSM Home Location Register for termination at the GAIT communications device; and
if the subscription profile associated with the GAIT communications device remains provisioned in the message service center and the Terminal Type of GAIT communications device is GSM-ANSI Interoperability Team, then routing the message and the termination request using a TDMA Home Location Register in a Time Division Multiple Access

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communications network, the routing of the message using a signal transfer point performing a [[the]] global title translation for a Mobile Subscriber Identification Number associated with the GAIT communications device, the message and termination request being processed by the TDMA Home Location Register for termination at the GAIT communications device.